How to identify what DIMMs are in which slots

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Symptom(s):

How to identify what DIMMs are in which slots

Fact(s):

SGI Origin 3000
Linux
SGI Origin 350
SGI Onyx 3000
SGI Altix 350
SGI Altix 3700
Irix
SGI Tezro
PROPACK
SGI Onyx4
SGI Fuel
Memory
DIMMs

SGI Solution:

The "l1cmd serial dimm" command will work on Origin 350, Origin/Onyx 3x00, Onyx4, Fuel and Tezro.
The command will also work on the Altix machines if a console is connected directly to the l1 or l2 system controller ("serial dimm" instead of "l1cmd serial dimm").
e.g.

```
# l1cmd serial dimm

EEPROM     JEDEC-SPD Info            Part Number        Rev  Speed  SGI
---------- ------------------------ ------------------ ---- ------
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DIMM 0     CE000000000000000CB7AF00 M3 47L6423DT3-CA0   3D   10.0  N/A
DIMM 2     no hardware detected
DIMM 4     no hardware detected
DIMM 6     no hardware detected
DIMM 1     CE000000000000000C9FAF00 M3 47L6423DT3-CA0   3D   10.0  N/A
DIMM 3     no hardware detected
DIMM 5     no hardware detected
DIMM 7     no hardware detected

2# hinv -c memory
Main memory size: 1024 Mbytes
Instruction cache size: 32 Kbytes
Data cache size: 32 Kbytes
Secondary unified instruction/data cache size: 4 Mbytes

This machine has 2x512MB.
```

Answers others found helpful

- Linux system is reporting less memory than is installed
- Memory Displayed as NON SGI DIMMS
- Amber warning light remains after the problem has been repaired
- Missing memory
- SGI® UV™ CMC Software User Guide

Additional Details

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Products	• Servers and Clusters • SGI Altix • SGI Altix 4000 • SGI Altix 3000 • SGI Origin/Onyx • Origin/Onyx Server • Software • Legacy Software • Operating Systems • IRIX • Performance Software • SGI ProPack • Workstations • SGI Tezro • O2 • Octane
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